

<400> 7374

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<210> 7375

<211> 821

<212> DNA

<213> *Aspergillus nidulans*

<400> 7375

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 cagtttcact gcattcgtct atgcttattc cccgtctttg cctcccggat ggtagattaa 180
 gctttgagaa gctgatctct tactggtttc ctggctgaaa ctgccgtgct gcagatccga 240
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<210> 7376
 <211> 447
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7376
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 tgtggtagtg gatggaggcg ttgatcagtc gagctagacc ggctgcacag gcgctgcaag 360
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<210> 7377
 <211> 1258
 <212> DNA

<213> Aspergillus nidulans

<400> 7377

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tccagtaata gtaacaggat cagagggagg cgggtaacga ggagcggcct ttgtaagcac 240
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<210> 7378

<211> 162

<212> DNA

<213> Aspergillus nidulans

<400> 7378

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cgatctgcag ttgcccgcga ctaagcggca atgcaactcg gc 162

<210> 7379
<211> 792
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7379

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taacgtcatt caatattaat actccgttaa caccaccaat tctctctttc tgatcccgtc 180
tgatcgactg ctctgggtgt gtcttagttt agccttgttc aaaggttata tactatttct 240
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tctgcgttc ctgcctcttc cgatccgatt tcgacttcat ttcctcccaa catggatacg 480
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gccctcgccc tcgcccac acccacatnc ggatccccc gagtcctttc caggccagcg 720
ttcgccgacg ccgtcttcat cgaatccctt tgcagaccac aacccttggg cacacacgga 780
tgatattgat ga 792

<210> 7380
<211> 545
<212> DNA
<213> Aspergillus nidulans
<400> 7380

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cgtaacgata cgcacaactt tgcgctcaac cggacctttg ctggtcgccg gatcgccaat 180
 ttgttcgcag atggcaacgg actctccctg attcaccagt ttggcgagat agttttccac 240
 cgcattggtag ggaatccccg ccacgaggat cggctctccc gccgaagcac cgcgtttggt 300
 cagtgaata tccagcagtt gcgacgcgcg ttttgcgtcg tcataaaaca gttcataaaa 360
 atcaccatc cggtaaaaca gcaggatctc gggatgctgg gctttcagcc tgagatactg 420
 ctgcatcatg ggcgtatggg cgtcgaaatt ttctattgca ctcatggggg tatgtccggt 480
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<210> 7381
 <211> 491
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7381
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 ggcgcggtga agtaaggaaa gaggctcggt ggaagatacg ggcattgaaa tttgcgagag 120
 gtctttgccg acgttcttgc gaagaaaccc aatcaagcta ggcggcatca ctgtcggtgc 180
 agggatgtta ttccgccgag gaaccgtgtc gaggggcagc ggagtaaggg tttttggtcg 240
 cgctgggaat aatggagagt gttggctgtg cgcagcaccg tgcccccgcc ttccgtagaa 300
 tcatcgtcgc tatcggaagg cgcacgtgca gcaacgacat ctgcttgggc atctgctact 360
 gtatcctcgt cgctgtcgcc tttgatagtg agcaattgag aatcgggtggc gtcgaccgcg 420
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 gggggctgac g 491

<210> 7382
 <211> 799
 <212> DNA
 <213> *Aspergillus nidulans*

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aaaagtaccc cttgtagata gattgttacg atacttgagg ggaatcacga ataccccaac 180
 ctaatgagga accgtaaccc cttgctacct gccagcacc acaaatatgg cagggtttacc 240
 gttagggaga cgccccacgg tacgcacgct cgctcgccag gagctcacgt gggagcccga 300
 gcttttcgat ccgccgtccc cggcgttctg gaacggccgc ggcccctgct gagatgtgtc 360
 cgtccacagc tcccggccgt tatctcaata tctggactgt caaatgcagc acagttctgc 420
 accgatcgca cgcaaatact ccgaggcagc cattatattg gatcctcctg cacttatagt 480
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 tgattatttc agcatgatcg catatgatcg catcgatggc agcgcatcga taccctgcgt 660
 atagccgtat gcggaagtga aggtggaagg tcagctcgac cgataagtgt ggggtaaaag 720
 ctgtcgggcy agagggaccc agtcgaaaaa ggaatacgag tcgttgagag caagactcag 780
 aaacagtaga accaagtcg 799

<210> 7383
 <211> 802
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7383

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 gagacaagga aaccaatgta gaaacgcctt tcagggcgga catgggcctt gttctcgtgt 180
 aaataattct gggaactact actctatttg cgaccagtct caacgagatg aggccaagtt 240
 ttattccttt gcactcgggtg ccaacgcggc ctatcaatga gagcgggtca ccctggacag 300
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 accggccacc cagcgacctt accaccctg atcctgattc tgcgtacaag aaatgaaacg 480
 gcacacgcga agaataactca gtctgtatat tgagttagcc gccgtgcgtg cccgtcccaga 540
 ccaatatcat ccttgttcct gaggcaggac ggcaagagga gcaacggcac agaaaagacg 600
 caagggcgac gaccagggag ttggattgca ccccggtagt ctagaagcca agccgaacag 660

catgattagc tgcgaagtaa cgtctttttc tgtagctgct ctctggaatc caggacaagg 720
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 <211> 644
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7384

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 caacgtcagt agtcgccttc ccgtgccgtg tggagatcac gtacctcgcg gtgattaata 180
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 caatagatcc gattacatat ccaatcagct ggccaaccgc cgtcatccta gtagcttccg 360
 ttttttagca tcgctcctag attcatgaca catatgccga cataccccac gcggaccag 420
 cttgttgcca gggatatagg aacgtatcga cgattaagct ccgagcacat gcttgtacta 480
 gatgctgtta gagaatcgtt tatgttcatt gttgtcggaa aaccaccga cgttgatggc 540
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<210> 7385
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7385

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 tcattctatc tgtccgactc tctgggagct tcgcctcgat aatcgccata caccatgact 180
 tcgcaacaag ctgtaccgtg gcaactggggc tccgcgtcag cccgtacgac caaggcctcc 240
 tgcagcaggg taatgagcgg cacaagaac tcttgggcca cgcagtactt gtgtccacga 300

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 taagcgctgt cgagaaggc 379

<210> 7386
 <211> 1016
 <212> DNA
 <213> Aspergillus nidulans

<400> 7386

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 cagagtcttg gactcttgat tgatcctggg cgcaatatta ctccgtagtg ttgttacaaa 720
 cacttcgatg aagcctgaaa tagatctcca catatggaac gaactagcgg cgtctcactc 780
 cgtttttggc ccagacagac acgatggcta tggcatgcc acaaaccgct agttaccgcg 840
 tcggcgagga caattacgcg agtagtcaca gcctacaggc gttctaggtc tggatctaata 900
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<210> 7387
 <211> 769
 <212> DNA
 <213> Aspergillus nidulans

<400> 7387

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 aaacaaagtc ggtgaatcgc ctccgcacgg tgaagtcagc cttctgaaag gatttgaaat 180
 cggctctgatg gttccagtta acgectgagc ttgaatcttc actaggcagc ggtatagctt 240
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 aagtcgtcat gatccatggg gaaggagagc ttcaagactc tcgataagag tcaaatacag 600
 taagcgctac cgagaagcta cagaaaaggg caacgaagga gtgaatatga aagtcaatat 660
 tggtagcgag aagtattgat tcaaaagtag gaagcaggct caggctggtc ggtcggattt 720
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<210> 7388
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7388

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 cgtccattct cattatTTTT cttgtttgat ggttccatat acccggtaat cgtttgtatg 180
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 aaattatagc cgtagtcaac cgcaggagat atcgactgt tgtgaacttg taacaggagg 540
 ccatcaagga gcgtgacagc gagggatata ctctacctaa taatagtgac accgtgaatc 600

tcagagcaag ggagcctgga ccgtgactaa tatcatgtct gtgcaggaat gcgtatacat 660
cacctggact gcttactcaa ggaa 684

<210> 7389
<211> 841
<212> DNA
<213> Aspergillus nidulans

<400> 7389

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caggaagagc gcaaaccact cgcgaaaatc gacggtgcta cgatcgatgt cgatgcaata 180
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gaagatgaag tcgcaaatat gactggcaaa ggcaatgaaa acacaagcac aaacaacacc 540
ctccgtatcc gccgcccact tcgtaaaatt tcccgattcg atccgaaccc atccggcatg 600
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caggagaaca tccgcgggcc gaaaatcaac accgtcgaaa aatcacgctt ggactggggt 720
gcttatgttg accaggaggg gattagtgat gaactccgga tgcatagtaa agctaaagag 780
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a 841

<210> 7390
<211> 998
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7390

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 gtcgagccgt tgtcacctgg gttagctctg gtaatgattg atggatttat ggcccttgat 180
 gagttttgag acggccggtt ggagataatg tattgcagct aatatactcg atctacgttt 240
 gtatagttgt agccgtaagc gaggtctcca gagtaaacga cgtcatgatg aatccaaaac 300
 tttgaccac gactaaaggc actctgctat ctaaagtccc cagcaatgga gtttcagcca 360
 gcattcgctt gagtctgcgg ttctctgtat tgttcagctt gtgcatcagc aaaagcaaca 420
 ggccccagta atttcactac ttctgctgtt catgttgggc tctatactgt gattgcgggc 480
 ccacttcaac ttatctggac ctagctccaa aaccacacag tctcaccagc ttccagctca 540
 aaaaaatcca gtttcgatca acatcatcat aatggctgag caacgggtta acgttcacat 600
 accatcccg cccgcggttc tcgacagcgt tcgcctccgc aatatccaac tccctcttcc 660
 cgcagcgcca gacccatggc accgcaacgg taaacctcag ccgtgcactg catcgctgaa 720
 gctctcctac tctccgcgc tggcagccgc aaatgccgat gatgtctctc tctctctcga 780
 ctacgggaag ctctatcgcc gactggaaga ggatatccgc aacatgacag cgggaagcaa 840
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<210> 7391
 <211> 837
 <212> DNA
 <213> Aspergillus nidulans

<400> 7391

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7393
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7393

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<210> 7394
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 <213> Aspergillus nidulans

<400> 7394

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<400> 7395

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<213> *Aspergillus nidulans*
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<212> DNA
<213> Aspergillus nidulans

<400> 7397

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<212> DNA
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<400> 7399

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<400> 7400

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<212> DNA
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<212> DNA
<213> Aspergillus nidulans

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<400> 7404

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<400> 7408

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 taagtgatgg tctgcgtgac gcgtaagtag gtctttgtgc aacatgactc aagctgacgc 720
 ctgaatatga ctaggatctc gtttaagcgc aaacataagc accgatctgg attcagttta 780
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<210> 7409
 <211> 985
 <212> DNA
 <213> Aspergillus nidulans

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 ctccagcaaa atcattcgtc caaaaccatc caaaatcatc cagaaccatt gcttctttcg 240
 taatccgagg ctttggtggg attgtggtgc caattctctc ctgagttcga aaccagctt 300
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 gatgcccgcg gccgccaact cgttctacgc gctatgggac aatccatccc tgaccctggc 540
 catcattata ggctcacca gctacatggc actagtcaat cgtcttcgat accgtcgcaa 600
 ggccaaaata gaggcgccgt tcgtgcacgc gcatggcggt gtagggagac tactctccag 660

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<210> 7410
 <211> 519
 <212> DNA
 <213> Aspergillus nidulans

<400> 7410

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 agcttcaacc ttgatgcctc tgctcggcac gttcccacaa gggctacctg acatcacctt 180
 ttacctata ctgtcccatc gggcgagag gatctctgat tatgttctta atcgagaaac 240
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<210> 7411
 <211> 892
 <212> DNA
 <213> Aspergillus nidulans

<400> 7411

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<210> 7412
<211> 479
<212> DNA
<213> Aspergillus nidulans

<400> 7412
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cagcaccata ccacttcaa cccctctctt gacaattccg tatttcataa tttcacaaaa 420
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<210> 7413
<211> 1356
<212> DNA
<213> Aspergillus nidulans

<400> 7413

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 ataatagaat aataataaga aaaaatataa aatggaaaaa gaaataaatg aaaaaaaga 180
 aaataagaaa aaatagaaaa aaagaagaga tagaggaaat agaaaataat aagtaaataa 240
 aaaaatgtag ataagaaaca tgaggaaata aataaagaaa aataaattga gaaaaaatgg 300
 aaataaaaga cagaaaaaga agagaaaaac aaaatagaat aatgaatgaa accaaaaaag 360
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<210> 7414
 <211> 485
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7414

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<210> 7415
 <211> 946
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7415

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 gttgcggttt gttagtatgt gtaaggggtgc ttgtgatttt accttgtgcc tagtagagcc 180
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<210> 7416
<211> 500
<212> DNA
<213> Aspergillus nidulans

<400> 7416

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<210> 7417
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 7417

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<210> 7418
 <211> 767
 <212> DNA
 <213> *Aspergillus nidulans*

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 aaaggagcgt gtctcgggtc ttttgagat aaactcgatt ctgctgcagg aggccatcaa 720
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<210> 7419
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7419

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<210> 7420

<211> 729

<212> DNA

<213> *Aspergillus nidulans*

<400> 7420

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gaattgctcg gtctcgaacg caaagaatag ctgcaatgag ccatcacatc agatatacctt 660
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agatctccg 729

<210> 7421
<211> 1312
<212> DNA
<213> Aspergillus nidulans

<400> 7421

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<210> 7422
<211> 242
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7422

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<210> 7423
<211> 491
<212> DNA
<213> Aspergillus nidulans

<400> 7423

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<210> 7424
<211> 586
<212> DNA
<213> Aspergillus nidulans

<400> 7424

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<210> 7425

<211> 888

<212> DNA

<213> *Aspergillus nidulans*

<400> 7425

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<210> 7426
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<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

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<210> 7432
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7432

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 <213> Aspergillus nidulans

<400> 7433

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 <212> DNA
 <213> Aspergillus nidulans
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<212> DNA
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<212> DNA
<213> Aspergillus nidulans

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<210> 7437

<211> 1342

<212> DNA

<213> Aspergillus nidulans

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<400> 7439

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<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7440

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<210> 7441
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7441

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<210> 7442
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7442

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agaacgaccc agcgagacgt 140

<210> 7443
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 7443

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<211> 1217
<212> DNA
<213> Aspergillus nidulans

<400> 7444

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<210> 7446
 <211> 675
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7447
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7447

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<210> 7448

<211> 506

<212> DNA

<213> *Aspergillus nidulans*

<400> 7448

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<210> 7449

<211> 109

<212> DNA

<213> *Aspergillus nidulans*

<400> 7449

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<210> 7450
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 7450

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<210> 7451
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 7451

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<210> 7452
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7452

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 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7453

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7455
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 <212> DNA
 <213> *Aspergillus nidulans*

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790

<210> 7456
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 7456

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<210> 7457
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 7457

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 <212> DNA
 <213> Aspergillus nidulans
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<210> 7459
 <211> 893
 <212> DNA
 <213> Aspergillus nidulans

<400> 7459

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<210> 7460

<211> 471

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7460

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7461

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 <213> Aspergillus nidulans

<400> 7462

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 <213> Aspergillus nidulans

<400> 7463

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 <213> Aspergillus nidulans

<400> 7464

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<212> DNA
<213> Aspergillus nidulans

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<210> 7466
<211> 1091
<212> DNA
<213> Aspergillus nidulans

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<210> 7467
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7468
 <211> 958
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7468
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 <211> 851
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <211> 1017
 <212> DNA
 <213> Aspergillus nidulans

<400> 7470

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 <212> DNA
 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7473
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 <212> DNA
 <213> Aspergillus nidulans

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<211> 513
<212> DNA
<213> Aspergillus nidulans
<400> 7474

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<213> Aspergillus nidulans
<400> 7475

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 <213> Aspergillus nidulans

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<210> 7477
 <211> 1365
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7477

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7478

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<210> 7479
 <211> 577
 <212> DNA
 <213> Aspergillus nidulans

<400> 7479

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<210> 7480
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7480

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<210> 7481
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 <213> *Aspergillus nidulans*

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888

<210> 7482

<211> 964

<212> DNA

<213> Aspergillus nidulans

<400> 7482

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tcgatggtgt cgttcttgct gttgatgttg tagagggcgt gcaggcgaac accgaacaaa 180

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gcgagcagtt ctttcggcct gccgaggggt ttgtggacat gggtttacag catattccct 780

cgccggggag ggtgctaaga gagttttgga acgtattata ctggcctcta gacaccaatt 840

ggaaccgtat tgccaactgg atccggttga cccttggtgg ccatgtacaa aatttgga 900

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<210> 7483

<211> 423

<212> DNA

<213> Aspergillus nidulans

<400> 7483

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<210> 7484
<211> 1176
<212> DNA
<213> Aspergillus nidulans

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<211> 112
<212> DNA
<213> Aspergillus nidulans

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<210> 7486
<211> 145
<212> DNA
<213> Aspergillus nidulans

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aataagcgaa gcgtataggt gaggg 145

<210> 7487
<211> 471
<212> DNA
<213> Aspergillus nidulans

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<210> 7488
<211> 646
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7488

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<210> 7489
<211> 224
<212> DNA
<213> Aspergillus nidulans

<400> 7489

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<210> 7490

<211> 857
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7490

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7492
 <211> 759
 <212> DNA
 <213> Aspergillus nidulans

<400> 7492

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<210> 7493
 <211> 937
 <212> DNA
 <213> Aspergillus nidulans

<400> 7493

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<211> 474
<212> DNA
<213> Aspergillus nidulans

<400> 7494
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<210> 7495
<211> 346
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7495

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ggccgccggc agggnagcac gggcganacg acagcgcgaa ccgcagaaca ccagcacgag 240
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<210> 7496

<211> 615

<212> DNA

<213> Aspergillus nidulans

<400> 7496

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<210> 7497

<211> 738

<212> DNA

<213> Aspergillus nidulans

<400> 7497

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<210> 7498
 <211> 827
 <212> DNA
 <213> Aspergillus nidulans

<400> 7498

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<210> 7499
<211> 225
<212> DNA
<213> Aspergillus nidulans

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tcatggctgt ggcggcacga ccgtcataac gcggcttctc accttccgcc atttgctctt 180
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<210> 7500
<211> 561
<212> DNA
<213> Aspergillus nidulans

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tgttgccgtt gcagaggaac tcaactcggc gattctaggt atgcctgctt ctttcctctt 180
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<210> 7501
 <211> 450
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 agtgcgagtt gctaacgatc aaaacgagct ataacgacag ggaaggcagg aacaatgctt 180
 gggttgggta gaccgaaaca acgcgccaca gttggggcaa cagatggctt acgnatatgg 240
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 gcattagggc acaggcatgt tcgcgttaaa cgcggtttgt gaccagtagc cggcctgatt 360
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<210> 7502
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<400> 7502

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 ctttgactct tctaagccat tttatatgcy aactctctta aataacacct gctctctacc 480
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<210> 7503

<211> 1038
 <212> DNA
 <213> Aspergillus nidulans

<400> 7503

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<210> 7504
 <211> 713
 <212> DNA
 <213> Aspergillus nidulans

<400> 7504

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<210> 7505
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 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans
<400> 7506

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7507

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<211> 652
<212> DNA
<213> *Aspergillus nidulans*
<400> 7508

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<210> 7509
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7510
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 <213> *Aspergillus nidulans*

<400> 7510

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<210> 7511

<211> 1084

<212> DNA

<213> *Aspergillus nidulans*

<400> 7511

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<210> 7512
<211> 1116
<212> DNA
<213> *Aspergillus nidulans*

<400> 7512

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<210> 7513
<211> 568
<212> DNA
<213> Aspergillus nidulans

<400> 7513

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<210> 7514
<211> 183
<212> DNA
<213> Aspergillus nidulans

<400> 7514

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<210> 7515
 <211> 786
 <212> DNA
 <213> Aspergillus nidulans

<400> 7515

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gaccga 786

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<210> 7516
 <211> 1012
 <212> DNA
 <213> Aspergillus nidulans

<400> 7516

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<210> 7517
<211> 752
<212> DNA
<213> *Aspergillus nidulans*

<400> 7517

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<210> 7518
<211> 789
<212> DNA
<213> Aspergillus nidulans

<400> 7518

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aaatttttg 789

<210> 7519
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 7519

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<210> 7520
<211> 786
<212> DNA
<213> Aspergillus nidulans

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<210> 7521
<211> 215

<212> DNA
<213> Aspergillus nidulans

<400> 7521

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cctcgtgaag ctggtgacgt agtgcctcgt ggtgggagat tgctagtagt atgtcgttga 180
acttgaattg caacgtggcg agtctgtcca gcttc 215

<210> 7522
<211> 489
<212> DNA
<213> Aspergillus nidulans

<400> 7522

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gatcggattt cccaacacgt ggcaagattt gaaccatgcg gacaatattc taccatgata 180
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tgcttcagat ctaagcgaag ttgactcctt ggttttgata gaagatgcaa atccattga 420
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<210> 7523
<211> 651
<212> DNA
<213> Aspergillus nidulans

<400> 7523

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<210> 7524
 <211> 351
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7525
 <211> 966
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7526
<211> 338
<212> DNA
<213> Aspergillus nidulans

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<210> 7527
<211> 1164
<212> DNA
<213> Aspergillus nidulans

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<210> 7528
 <211> 899
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7529

<211> 792

<212> DNA

<213> Aspergillus nidulans

<400> 7529

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792

<210> 7530
<211> 817
<212> DNA
<213> Aspergillus nidulans

<400> 7530

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cagcacaact ccgaagatcg aggatatctt ccttcccatc gcggagcacg tccgcgacta 180
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gtcaatactc ccatacccg gaaagcgaacc gcctgcgac ccaccgcgca atgagacccc 300
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aaggaggagg gtactggatg tcttgaatcg atgcaataag atcgtccttc agggactggg 540
cctttgacag ataaagggtg tcttgtacat agtgcagagc ggaggtgtgc gcttcactcc 600
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gcactacaaa gaattggcaa tgcacgagct ttatcaaac ttctccctaa gctttggaaa 720
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<210> 7531
<211> 240
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7531

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cgtgagcgcg cgnggtgtg cgagagtggt ggagagtgac gcgtgccgcg cgcgagagcg 180

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<210> 7532

<211> 1118

<212> DNA

<213> Aspergillus nidulans

<400> 7532

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accaataccc atgcatgttt acttgcattg agacgggtta gggtagctgg tagcggctta 180

cagccttggc tggtatctta tcgtctccg catagactgc actttttccc ttctccaatt 240

acgccatcat ggacaacat ccagtagatc gtccggcga acgccctaag atatcatctc 300

attcagagcc agaaaacctc aaaaactcat cactgtctga catcgctcc ctccgccgt 360

ctataacacc cccgccggcg cgttctgagc gtcccagcgt cagtaccacc tcggtcattt 420

ccccgcacca gcaactcagat caagacatta acaaggccaa cgcttcccaa attataccct 480

ctcctatcca actaaacat atcagcgact tcagcgactc gctaaggaac aatgacgaca 540

ccgtcaaact gcgggatata ctgggtgacc cgctcatccg cgaatgctgg caattcaatt 600

actgtttcga tgtggatttc ctcatggacc agtttgatga ggatgttagg aatctcgtga 660

gagtgaaggc tgtgcatggg tcatggaaga aggactccga gaatagggtg cgaattgagg 720

tgagtgtcac cttgttctcg tectcaatgg aggcgggcta agtgtggatg ggggcagtaa 780

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tgatgatttc gctcagtatg ttttttgcc agtatgtggg agtgctcaag gctgaccaag 960

tagggttgtg attcacaccg cgaatatgct tgccggcgac tggggggata tgtgtcaggc 1020

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tggggcacag ggccgcgggt aaagcgtgac ctctttgc 1118

<210> 7533

<211> 1005

<212> DNA

<213> Aspergillus nidulans

<400> 7533

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tcgacgggtc tggctcatcg agtcatgctt taaagtgctt ccttccgagg tattcgtcta 180
ggacaaaagg gcggcaacga ggaagaaatc gccccggttt atttagggag gcaagcacat 240
ataaaaattc cttccggggc aatactaaca cgatcagaca gctgttaagt gggcatagcc 300
ttagtgaaga gccacaagtg ataagatgcc atgactacga caattttgca caccagttcg 360
tggaaaaaga cgtcgggtca tcaagaaaag attcatactt gctaccattg gcgcagggga 420
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cactgctcca atatcaaaga aatgtgcagt ggtagtttgt gcaccggatt cgggcgggtg 960
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<210> 7534

<211> 786

<212> DNA

<213> *Aspergillus nidulans*

<400> 7534

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tggctgtgat gcctacgggc ttggacacc taggtgttac cttgggctgc acaagacccc 180
atacgcttaa tatcatgcgg tgagaatata taattgcgtg aaaccacata agaattattt 240
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atccaaaacg cgtatgcaca tagtacaaaa aaaaaaacag aaacaagatc aaaacacgct 360
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 tccgcgttcg actcggaggg ctttccaacc gtttagctca cgctccaacc tcaacgactt 660
 ttcgcgtctt tcacgcagct ctgcgtctgc gcgacgcgt tgaagttgcg aatccgactc 720
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<210> 7535
 <211> 601
 <212> DNA
 <213> Aspergillus nidulans

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 tcttctagga agtggaacaa ggattatcca tgacatatga acagacttgg cccccgccat 180
 tcccacaata atgcaaaact cttctaagaa agttttgaga atgaaggatt ttgctaacca 240
 tgттаagtat aggctaggaa aggtcctgca acgggcataa ggtgagcgat ttgatattgt 300
 tggacacatg gaattgcaat aagatgacag ggagaccacc ccttcgccta aaaatatcca 360
 cttatcgtgc tgcactcacc tatataggaa ttcaaatgg aaacataaac aaagaactcg 420
 aaatatgata caaatagata ttctgtaa at ccgagtgcgt ccttggcttt tgcttagctc 480
 tcttttctgc ccaactttca tgcttcagta catcaggcac ttcactatgt tacagtcctt 540
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<210> 7536
 <211> 696
 <212> DNA
 <213> Aspergillus nidulans

<400> 7536

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attgctggag agtacctcga tctgatcttg cgatgggcgg gcagcctctc gcagactgat 180
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tatttccctg ctttcttttt tctttcttat tcttttctt tcttttattt ttcttagtct 660
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<210> 7537

<211> 512

<212> DNA

<213> *Aspergillus nidulans*

<400> 7537

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ggacgagcga ctggacaaca gccccgcaag atctgctgta tgtacgacgg ctgcgggcgt 360
cgggccgtcg gtagcgctg cctgatcctt gtcgtccctc caagggtgaa taatcgaaat 420
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ttggaggaaa tttagtgtt gcgtagggga aa 512

<210> 7538

<211> 1050
 <212> DNA
 <213> Aspergillus nidulans

<400> 7538

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caagaaagtt atgtacgacc gccagacgtt ctctatatct gagatgcaa gacgaactat 840
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ctgaaccgct tgcaatcaac aaacatcctc atcacaaagt agcctgcctg aatagttttt 960
ccaatccttc ctgtatcttt catcttgccg tgcccgaac agcttgcaca tcccctgac 1020
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<210> 7539
 <211> 1555
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7539

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atgtttgtct ttcttaccaa ctaacaatga ccctctttta cacattatgc agcattctac 120
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taaggaagat ttatactttg accgaatgat aagctaacaa ccatgaagtt cagtttaagg 180
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<210> 7540
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

<400> 7540

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cccacctacc actcgatatt gggccaagag acgccccga tgagagaatg aaggtcagca 360

aacgactcgc tgaagaaaaa aatgatgagc agcactccag aaagccgata aacgacaata 420

tttctctccc ggatgaaccg gggaccgtgc ccgaagtgc ggctcctgat gggatcgag 480

agaacggccc ctcttcgggt cctcctcggt gaagacaacc caattaactt gaatattctc 540

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gttgaaaagg gttcacagaa caccctcg 627

<210> 7541

<211> 719

<212> DNA

<213> *Aspergillus nidulans*

<400> 7541

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ggttctccgg gtcacacca gcaagaattt gttccgcgtt caagcctgtc gcttgaccca 180

aagccttcgc ggaattggcc actcgaccgg cggtttggcc ctggaggggtc tcggcatcca 240

gagcttgac aatgtaccgc aaaacctggc ctgcgttgga catcaccgca gggttttgtc 300

tggatcatgtt agttgttttc tcttctcatt ttgctaaaga caaacttact ggtcaatcaa 360

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<210> 7542
<211> 1013
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7542

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<210> 7543
<211> 616
<212> DNA
<213> Aspergillus nidulans
<400> 7543

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aagaacggat gtcaatgtat ttttcgatgt cctaggcaga gacggttggg gcctgctgac 540
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<210> 7544
<211> 802
<212> DNA
<213> Aspergillus nidulans

<400> 7544

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cccaatcgga gccactggct gtaacagctt gactaagacg aaggcaactt tctagcagag 720

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<210> 7545
<211> 1525
<212> DNA
<213> Aspergillus nidulans

<400> 7545

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gtttttattc tgtgggttaa gcacgattta tcttgtttgc cctgtggtcc cccccgaaa 240
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<210> 7546
 <211> 727
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7546

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<210> 7547
 <211> 217
 <212> DNA
 <213> Aspergillus nidulans

<400> 7547

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 cactggatgc catggttacg ttgccttcca ggcacgtgga ggcctggccc ggtattgccc 180
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<210> 7548
 <211> 1034
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7548

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<210> 7549

<211> 208
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7549

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gagggtgccg cagatggcgt ggtgaggt 208

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<210> 7550
 <211> 954
 <212> DNA
 <213> Aspergillus nidulans

<400> 7550

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<210> 7551
 <211> 119
 <212> DNA
 <213> Aspergillus nidulans

<400> 7551

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<210> 7552
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans

<400> 7552

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 atcgtttggt taagcatgac aaccactgcc acttctccgg tttcatggaa aaccatattc 180
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 ctccagacaa tgctgctatt tacctgtgtt gcgatatatt tcctttcctc ttgcgaaacc 300
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<210> 7553
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans

<400> 7553

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<210> 7554
 <211> 695
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7555
 <211> 440
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7555

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 cgcgctctcac tgaagaagga tagcacacct agaacaagag atttagggcc agaaaagaaa 360
 ggacaggaga gggataacag cgcaataaga gagttgtcct gggaggagtg gaggcagtaa 420
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<210> 7556
 <211> 136
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7556

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 acacgagcgc atattaacac cagctgtaac cccaactgtg gcaatacaag ccacaaacac 120
 atctacagct tcccg 136

<210> 7557
 <211> 1236
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7557

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 taaatataga gagtaaagca aatcacaacg ccccggttgt ggtcacgtgt aactctggaa 180
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<210> 7558
 <211> 777
 <212> DNA
 <213> Aspergillus nidulans

<400> 7558
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aacgaacccg cgtctgatga gccaggtgcg cgagcatact ttgagcccct cacgcggctc 720
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<210> 7559
<211> 131
<212> DNA
<213> Aspergillus nidulans

<400> 7559

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gcagacggag a 131

<210> 7560
<211> 714
<212> DNA
<213> Aspergillus nidulans

<400> 7560

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caatggactc atgagtcaaa agtgcgtaat gccacgccg cccatccaca cacgtaggca 180
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<210> 7561
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7561

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<210> 7562
 <211> 829
 <212> DNA
 <213> Aspergillus nidulans

<400> 7562

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acgcctactt cctgggattg tcatgtaata caactaattt ctgttttaggt ctcgtatgag  180
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aaccagtctc ggcattgatg cgaccacaat tcagcgtaac gcgcaacaac acgaggaact  480
  
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<210> 7563
<211> 105
<212> DNA
<213> *Aspergillus nidulans*

<400> 7563
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<210> 7564
<211> 544
<212> DNA
<213> *Aspergillus nidulans*

<400> 7564
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<210> 7565
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 7565

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<210> 7566
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7566

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<210> 7567
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<400> 7567

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 cggagccttg catcacccta acctggcggtg aacttcgatt tgcaacgata acaccgagaa 240
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 agcattttctt gagcaattgc tagctactat caatcttcac tccgcggcgc ctgctagcca 480
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<210> 7568
 <211> 1061
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7568

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<210> 7569
 <211> 790
 <212> DNA
 <213> Aspergillus nidulans

<400> 7569
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 tcggtgagag ctccaccttc cataaactcc atgaccaccc agagttcatt gctctgctcc 240
 tggagaaacg agtccagaaa gtttacaatg ttagcatggt ggctgtcttt catgacaatg 300
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atgttcagag gcttgactgg ctgcacagga gcaggaagct tgctaggagg agggccatgg 720
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tggaagcat 790

<210> 7570
<211> 706
<212> DNA
<213> *Aspergillus nidulans*

<400> 7570
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caaggcctac acttcccagt ccagaaacga caagcacgct gttctcgtcg ggctttgcc 600
cattctcgat cgctcccatc cccgtctgaa acccgcatcc gagcggcgca aagagggtca 660
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<210> 7571
<211> 99
<212> DNA
<213> *Aspergillus nidulans*

<400> 7571
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atgagcatgg aaagcaatcg tgggtatcca catcagagc 99

<210> 7572
 <211> 244
 <212> DNA
 <213> Aspergillus nidulans

<400> 7572

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 aaggggtctt cattaggccc tgagcgagcg agccctggtc tatcccaagc catgtcgtcg 180
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 caga 244

<210> 7573
 <211> 115
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7573

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<210> 7574
 <211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 7574

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 tgttagaagg ctggctgaaa acagaagagt tgtgatgtca gtgataataa taaagataca 180
 ttttactata acccctgtca ttcgttcttt ttaagcctag tatcaggtga ataacaagta 240
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 aaaccacact ttgcacaagg atgctacatc cgccttcacg cttggagttg ctggataagc 480

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cctgcaggaa tagagaccga 560

<210> 7575
<211> 528
<212> DNA
<213> *Aspergillus nidulans*

<400> 7575

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tcttatcaat cttggcgcga acgtgttatt cataaagaag ccatcaaaag acagcaccgc 180
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aagaaataag caactatgct ttgagaaaac tctatgctca cgcaaggaat acgaggattc 360
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ggacaggcta cgttttgttc gctccactct gtcggttttc ggaattgata cttgccgagc 480
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<210> 7576
<211> 1427
<212> DNA
<213> *Aspergillus nidulans*

<400> 7576

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cacagtattc ttcattgatg atattgattt ccatccatct aagaaaggcc tattccagtt 180
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ggttcatatt tgctgcgtgc agtaaccggg aggagctcca gacggcaata tagaggctgt 540
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 gtcgcactgt tgctttgtta gatccgtcac ggaagtggcg gagagcggag ttattagggt 660
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 tattgttccg tatcaggcct gtacaacgat cgttatctag acaacggaag gtataatgtt 780
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<210> 7577
 <211> 531
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7577

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 aagaggcgtc tcgacaagca gacgagctga ttaacttcga tgaagcccc gcgtctcccg 180
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agcctacaaa ggagcctgaa ccgagcgagg ctgctcccg t agaacaggcc acagaagaaa 480
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<210> 7578
<211> 599
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7578

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cccaaagcgc gggaacacaa accagacacg accagcaaaa gcagaaccac ggacgagagc 480
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<210> 7579
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7579

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<210> 7580
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7580

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<210> 7581
<211> 295
<212> DNA
<213> Aspergillus nidulans

<400> 7581

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tatccgtata tgggtgcagtg ttaactcgtg gatagggtga gcttttaggg ctgaacattc 240
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<210> 7582
<211> 2151
<212> DNA
<213> Aspergillus nidulans

<400> 7582

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<210> 7583
 <211> 120
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7583

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<210> 7584
 <211> 1051
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7584

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<210> 7585
 <211> 913
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7585

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tggagacagc catttttctg gccaaaatgt tcgtggcata cgtaaactat tgctgctggt 480
gcacaaatgg gaaccattgt attctttgga tcgatatttt tcagtgccga attggatgag 540
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<210> 7586

<211> 1006

<212> DNA

<213> *Aspergillus nidulans*

<400> 7586

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tgatatcgac gcctttcaag gcgaacgaca acgaggggtc atcggcacac aagttcgggg 420
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<210> 7587
 <211> 1032
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7587

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 agggtagcat cactaaaccg ggttacctgg actgtaattt gtggccggtc cgtctcgaga 180
 agctcctgca tgttttgcac gccgttgaac gccgtgcagc gcttttcgtc ctctggatct 240
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 ccgccgcagt agtcagtgat ggatcggtaa gactcgtcta agcagaaaaa gtctttgaga 360
 tgatcaggag ctgactgttg gcgctcaaga tacttggcca tccccttggg cgtgaagaca 420
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gcataatcgt tggccttcat cttgaagccc gtactatttc tgccttattc ggtatggatg 780
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<210> 7588
 <211> 223
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7588

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 ctcaagggga taccatagc cacatctgtc gaagaacata tngagtgtgt ttacacgctt 120
 ccgtgagaan acanggagc gtactctgag nagaaagtgg attgcttaat ggaatcgaat 180
 gcgagtgggc taaacgcgac aggcccgacg ctgccgcac cat 223

<210> 7589
 <211> 102
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7589

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 tcgtgaccag ttcaatttga cactccctct aaaaccgctg tt 102

<210> 7590
 <211> 1271
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7590

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cggcgggcccg cctagacgga ttataccaac cggcctttcc tccccctcttt tatattatat 180
 ttaacttatt acgctcattg caggcttctt cttgggacat ctaggttgca gtcgagtctt 240
 ttcgatgggg catcagttcg aatgggtcca acatgtatat ggtaattttc caagttgaag 300
 caatagtgcc aggtcagata ctgctggacg cgggaccatc gctgctatct tatccattga 360
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<210> 7591
 <211> 527
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7591

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 ccaatccatt cccagaggca gcctggggct gtgaaattag attcggatat acttgtgggtt 480
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<210> 7592
 <211> 617
 <212> DNA
 <213> Aspergillus nidulans

<400> 7592

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<210> 7593
 <211> 1026
 <212> DNA
 <213> Aspergillus nidulans

<400> 7593

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cccgcagaat ctgcttctg acgttttctt ttgcgtcgac cctaataatc tagcagcggt 180
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 cagagc 1026

<210> 7594
 <211> 989
 <212> DNA
 <213> Aspergillus nidulans

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 gcatcgtcat caaccacttc ctctccgtag ttctcttct ccttggcttc attctctgac 240
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gtgcggttca gctgaggcga ggtgtattgg gcctggagcc gatacgactg agatgaggat 480
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<210> 7595
 <211> 759
 <212> DNA
 <213> Aspergillus nidulans

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 gccagtaaac tggatatttg agcacagggt gtcggctaag ggaggcaaga tcacgatttg 660
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<210> 7596
 <211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 7596

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 gaccagcaa catttgccgc gcatatcgct ctcaacctgg ttccagaggt tcgcatcgaa 240
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<210> 7597
 <211> 826
 <212> DNA
 <213> Aspergillus nidulans

<400> 7597

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attgcagggg tatcaatccc ccgaggtcca tcttgcactc aaccatggat tgcaatggcc 720
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<210> 7598
<211> 470
<212> DNA
<213> Aspergillus nidulans

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aatagtccgg cagcatcatg aatgcccggc taaagtactc tgcaccgggt ggagtcgtcc 180
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<210> 7599
<211> 924
<212> DNA
<213> Aspergillus nidulans

<400> 7599
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<210> 7600
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7600

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797

<210> 7601
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<212> DNA
<213> Aspergillus nidulans

<400> 7601

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tt 902

<210> 7602
<211> 901
<212> DNA
<213> Aspergillus nidulans

<400> 7602

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atggcggttt gctttaagga agaaggactc ggactctgtt agaaggatga ctg 593

<210> 7604
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<212> DNA
<213> Aspergillus nidulans

<400> 7604

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caaccgtgcc attacccttg gaaaaacttg gtggtgcccc cggccccctc tgggttgcct 180
t 181

<210> 7605
<211> 562
<212> DNA
<213> Aspergillus nidulans

<400> 7605

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<210> 7606
<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 7606

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<210> 7607
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7608
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<400> 7608

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 gtggaagtct ttcttcaggt ggatcaggtt t 151

<210> 7609
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7609

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<210> 7610
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 7610

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<210> 7611

<211> 593

<212> DNA

<213> *Aspergillus nidulans*

<400> 7611

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<210> 7612

<211> 99

<212> DNA
 <213> Aspergillus nidulans

<400> 7612

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<210> 7613
 <211> 971
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7613

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<210> 7614

<211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 7614

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 <211> 842
 <212> DNA
 <213> Aspergillus nidulans

<400> 7615

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agcagcggttc atcaaaatca ccagctgcat caccggggcca gcgctccatc agctactcgg 780
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gc 842

<210> 7616
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 7616

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<210> 7617
<211> 234
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7617

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 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

<400> 7618

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<400> 7619

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<210> 7620
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<210> 7621
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7621

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<210> 7622
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7622

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7623

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 tgctt 125

<210> 7624
 <211> 732
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7624

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 atcggccgga ctggattgcg tggacttaga cggctaagag cagaatgggg cttggcggcc 180
 gtcttccccg attcgggtctg ctggacgtca acctgggcct tgtccacagc tgtccccgc 240
 gaacccttct agacaccccg cgaaccctag cctctgcctt tccgattaac tgccgacagg 300
 ccttcacttg tcagaaatca tgtcggctgc ttcgctggag ccaccgacct acctcagctc 360
 cctccaaaac aacatccgag ctgcgcctat cccgtgggag ggagctgttc gagctggaaa 420
 catcacagac gatcacttga agaagattaa ggctgtagac aaggtccgca aggaacaacg 480
 gcgtcagaca atcgatgggg atatcccgga atacgtgacc ttgctggcgg gaggttcaag 540
 cggaagagt gtcctogaat cggccgcaag gagaagcgat attgtacagt atattcttgt 600
 cctggcagca gatcttataa acggtatgcc actgccaacg cctgactgat aagcaacaac 660
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 accatacaaa cc 732

<210> 7625
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7625

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 ccctagaacc tgcaccgttg catcgctcggg ataattctcc gcaagatctt gggctagctg 240
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 gggcgactcc tcagtctcgc cttcaatgtc ggctaggaca tcactctgtg tgccaagggc 360
 aacttggggc cgagagctta ggatgcgtgc ggggagggcg ttctcagggg agaaagagga 420
 tgtgttgaag tctatgacgg attgggtatt gccttggtgg aaggcgttgt ggatgttgat 480
 gagttctaga gtcgagggag ttagtggagg gaacggggaa aggggtttta agtgataaag 540
 tgatgggaag agtgctgcgt accgccttct gcagagaatg gatccattgt gacaatgggc 600
 tgtttagttc ttttaattgt gaatag 626

<210> 7626
 <211> 558
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7626

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 agttcctctg gtcgagcgag gtctataacg acgatgtgcc ctactggttg gacttgccat 180
 gggaggaaaa gttgccggag agtgagcgga aggggatgct gctgatcccg tataatgtat 240
 gtcccttccc ttacctttcg caccctccat atgagcgagc tgcgtaacgc tgtatgctaa 300
 ctgttcttca atgcgcagta tgattgcaac gatggcaa tccacatgtc gcccggttc 360
 ggtagcagcg tggcggagtc gtacgaacag tatctaaaga acacgtttga catgctgtac 420
 cgcgagggag gcaagctgat gaacatccca ttgcatacgc gcatcattgg gaagcctgga 480

cgatgcgagg cagtgagaaa gttcatgctg tatattgctg agaaggaagg tgtctggggtt 540
aaaccagacg cgatattg 558

<210> 7627
<211> 1063
<212> DNA
<213> Aspergillus nidulans

<400> 7627

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acatggattt gagtccttta gctcagttgt cttaaggcta gggggcggca agaggcacgg 180
agcttatggt accaaaattt gtcattgtgt caagctgtgg gggctctttg ttatctgagg 240
gccctagggg tgttagcggg acttaggcca atgtttcctg cgcgtgtgaa ggtataagta 300
gagttggcgt cgccagtcac ctgaaattaa gtctttggcg gctttacttg ttatcaagat 360
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tgtagtgcac tacgagtcta ggtgcatgca agcctgcagc tggccatcca tcttgggatt 480
taacgagatt ctctgttctt gtggaatagt gggatgcgat ggcggcagca gcaccaccga 540
ccaccgagac gactaagatt cgacctgcga actcggcaat catgctgaag gctagcaaag 600
ggagaataat tgcggcagat gcaatgataa tggcagaatg gacaggagat ggggctttcg 660
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<210> 7628
<211> 954
<212> DNA
<213> Aspergillus nidulans

<400> 7628

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cgccactgat gcagatgcat ctcacccagt taaacaaaaa agcaaataag atccaccgaa 180
cgccattagt gtctaaaaaa agacgggtct cgtcagagca agcacagagg cagatattgt 240
ggccgttcaa aaaccacagt cgtcgggaat cggcgttttag gtatatcgga gtagtctccg 300
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gtcacgatca gcgagcatga aagcagagcg gaggggtcgg tctaaggaaa atacacgtta 420
gctagccatg actgtcacct cggtgacctc gggtaccaca atattttcag cgtcgtggaa 480
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cgactagtgt tctgagcgcg gtggactgaa aagtggcgga ttgttgggcg gacggcctga 660
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tgcgactttg caggaatgtc tcggatttgt tcaaaggcag agaggatctg aaagaaataa 780
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ggtatcagca ggcataccat acaatgaagc tgtgggggtc atgcggggct ctccactctc 900
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<210> 7629

<211> 584

<212> DNA

<213> Aspergillus nidulans

<400> 7629

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gaggacgttg aatcggcggt ccattctgcg gggagggatg aactgtcggg cgagccttct 180
gcgaaacatc aatcgttaga aaggccagaa gcgcgttgat tatacgtacc tatggtatga 240
tcttcaccaa ggccaactaa tctgaaacca acagcgacca tacaagcgtg gctgatgaga 300
gcgacagctt cgtagggagt attgaggctg aactcagatc tgtcgtcagg acggagagct 360

cgagccgccca gccccaccac attgttgggg ctcaaagagt ctgtgtttcc gaccatgttg 420
 ggtctgttcg gtatttgaat ggttgtacaa tttcagaaga agacagagat gttttggtgt 480
 ttcaacgcag aagatgtagg gagaatcgtc gcaaatacagt ctggataagt attgaatggt 540
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<210> 7630
 <211> 166
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7630

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 ggcggtctct ctcttcttaa ccactgtcgt cacttccgct cagaag 166

<210> 7631
 <211> 1159
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7631

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 cgatactttg gccctgcctc gcatttcact cacctcgtct aacatcagat cgaagtctac 180
 tatttccgca ctccccaggc attagcgcag tacgtctctt aaggcgcggg actggacggg 240
 attttggcga gggctgttgg acgcaattat aaggtacccc agcgagcctg catacgagat 300
 tctgcctcgt atggacgata ttgatcgcgt tcttgggtata tttcctgtgt gactagccta 360
 ccccgacctc tcagccttct ctagggtcga ggtcttcctc atgcagggat aagaagacag 420
 gtggacagta tgaaagtgtc gaccacgggt ctaggcctcc gtacattcaa tacgacgctc 480
 tctctatctg catataagcc tttccgaggg ttacagcctt aacgctttct aactagctag 540
 agataagcct agctgaggat aagtgggtct tcgtgcacta agtgcacgcc gttatgatat 600
 atctatccga tatcaattcg acgccgcacg aacagcctcg gaccacaaccg tgcattgcacc 660
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cgtgcgagc agcctagact aacatcatat gtaacggtag tgggtggtggc cgtaggacag 780
 cctggttagcg cagaaatata tatttgactc aagaagtcag ccgaccagcc gggagaagca 840
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 cctgccttag ctccactcta taccaccagc cttactctac tcatatgaag gatattcaat 960
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<210> 7632
 <211> 803
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7632
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 aagtacggca agcacaatcc tgggtctacct aggggtgttca atcgcgacct gggcccgatt 180
 aggcaggata tgggttattg cgatggtaac tccaagcaca taccgagta atatattgaa 240
 acacaagatt ccatacaagc caaagggtgcc agtgctcgagc aactacaaca ggcgttatat 300
 gaagcagaat taatcgtgag gcccatccag acgctgcctc gtgtggcacg tcgaccgtat 360
 taccgtgct gcagggatat atggtagcta aggtccatag taaatgaata aggtattcgg 420
 acaatgtctg gctagacgct atccacactt acggacggaa aatacttgag agtcagagag 480
 ctcaaatttt gtacccttag agaagcgctt tacattgcgt gctagaacc aaggttttgg 540
 gaatgtttaa actgactcag gactatggct ctctgaacga aggtttgaac tagcctagca 600
 ttataaaaat cagcccgata ggaggaagag cggacgcagg cgtttattct gattggctga 660
 tcataaccta gggcaagcgc tagtaccaa cagatttgag ccccggaagc taatactata 720
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 gagtatttaa aataactgag agt 803

<210> 7633
 <211> 191
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7633

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 ctgcgctcac tcaggccgct gctcaccgct cgtcgctgta caccctttcg gccacttga 180
 gtagagggac t 191

<210> 7634
 <211> 757
 <212> DNA
 <213> Aspergillus nidulans

<400> 7634

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 tgcagctcag taaattcatt caagagtata ccaagtggaa tctcatagaa gcgggcggaa 120
 acaggagcga tgcctcagca tcagcagaca actagtgaga aagccgacct aattgttcca 180
 tactctaaat cataatattc ataaattctt ctctattag gataacggtc cccctccaat 240
 ttctcgta ca tatatcattt aagcggttgta gatcaaacgg aagacatcgt tgaggacgaa 300
 gtagcttcca gcaccatcag gcataagctg gaaggctctgt gtgtagttca tggggttctt 360
 ttctcatcg acctgtacgg cacagtcagc cgtattcacc gttttagttt atagaacata 420
 ccaggagagc acccgtaacc aagaccaaga tgccaccatg ctcaccggag ggctgagcat 480
 ctagggtcga aacctgatgt tgcaccttct ggaaaggcag agactatttt caaagcaagt 540
 tagtggtttg gaagggacga aaatctaagc cgaaacagcc aactgtgact gcagcaggac 600
 tgagatagaa ggaggatgcg tgtcgggcct actcacagtg agcttctcaa tgataccagc 660
 cacaccttgg atggcagatg tctcgaaggt gagcatggaa tggtcgcgct gttggatgcc 720
 caaacgagac agtggttgctg tatgatgagg aagtggg 757

<210> 7635
 <211> 726
 <212> DNA

<213> Aspergillus nidulans

<400> 7635

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tctttcgaca tcgccctcga ttctctaccc tctcaacgcg ttgtggctgc gcttcttcaa 180
tagctaacaa aatttgcttc cggttgacag gttcgcgcg ctgttcccgg cccctctct 240
gctgcttcta agcaggctcg tacctatgct gctgaggcca aggcctcgcc caccgaggtt 300
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ggacgtgtcc ttccgctcgg gtatgtcgcc ttcattgggtg gaaaaatttg gtgtcggctt 420
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catgaccaac gtccaggctg aggagctggt cgagtatgga tcccgatatt gcttcttcat 600
tttgaacgct gcgactaata ttgaaatagg ttcgcctctg gtgttaaggg tatgtgcatg 660
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ggcgag 726

<210> 7636

<211> 847

<212> DNA

<213> Aspergillus nidulans

<400> 7636

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cgaatatccc caatatttcg agcccctagc tgcccggcat ctgggcactt cgctaggagc 420
ccccaagccc aggaccgat acgtcgaatt aggactgcat ctccattacg cacgttatcc 480

gatatgagcc gcgccacgat caccaacact ctcaggacac tgtccatata catgcacgca 540
agctgcactg tttgaggatc aacctctttt atcaggcgtc tccactctct ctgtgcaatt 600
ttggatgata ggggaaaact gataggggtgc gagtcgtcga gcgcagatat ggcttcgggc 660
ggcggcgatc atttcagaat cgaccgtaag agaaggaatc tatgatggag gaggtttag 720
taactagctt gtgcatctga taaattctcg tcggcgctga cttttgttgt ggcgagccaa 780
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agtacat 847

<210> 7637
<211> 519
<212> DNA
<213> Aspergillus nidulans

<400> 7637
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ttgtgtctat ccctgtgtcg taagcttcgt agatgattat ctctgtctga gaggatgtat 180
tggcctgggg gagatgcttt ttgagttgga gatatactgc gcacgcagag atgccgcctc 240
cgataatgat gatcctcatg gtctgagata ttttaatttc aggaacctac ttgcctcgtg 300
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ctgagttgtg ctgcctggaa gtctggctct cgtgacgtgc ctctattcc acggtatcct 420
catctggccc gagtaagaga attatggcac ggaggtcatg gaacgaagtg gcgtctttga 480
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<210> 7638
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 7638
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caggtgttag ggtctattga agcgtgggag tctggcacia tccccgaaa ggcttggaag 180

aacgcgaaag ataacaagtg tacctacata ttgctttgat tgctctgtgg ttggagtgc 240
 tttgtgaatc atctagtagt tggaagttga ctgggtcttat gctgttgaaa ttgggtccatc 300
 aatcatccgt tcagcatctg tatgaccgag agaccacagt catataatga gatgcagcaa 360
 caggagaata ctcatgtacg ggtaggtatt ccatggattg tcgcccgttc aactgggggtt 420
 agaatattta agcttcaccc catgaggaat gtcaaaggac attactcgcc ttactatgcg 480
 cctacccgac gtagacggtc gtcgcgttgc tgtagccgaa ttgatatctc tcatgcgaag 540
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 aaggaat 607

<210> 7639
 <211> 1120
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7639
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 agcagtttcc tctaattgta tcaccctgaa ccaagacagg ttcttgggct gaagatgacg 180
 gtgagctgtc tgtctcctct actttccctt tggattgtc atcatgcccc cttgactaac 240
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 gctaatacacc acgccctggc cccatttggg gaagatatat aaattgtagg tagttgtcac 360
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 ccacttacat ttatcaagtc gcggtgatga gacatccggt caccgaatca tgaacagatg 480
 gaggcccttt cttccaggta tagagtttag tgaaactgat ttgacaggat ttggagtggg 540
 acaaattaac cgccgtgctc aacttggtg taatatctgg acgtcatagc catagtatgc 600
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 ctatataagt acggttatag actgacaact gacgcggctg gcaataggtc tggaatgctt 720
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 gtcttcggaa gaaaggatgg atagacgttg gtcttgctct cttttccct gttattgagc 840
 tgatgtcaat taaaaaaaaa aaaaggtaa gcctcgcaag gatgccgctt cgtcgcctgg 900

attggtcgag gagaatggag gcatctagtt accatgttga acttcccagt tttcgagctc 960
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 ccccgttccc tgatcgcagc gggtgcagtg caaggggtgat ttacactgat ggagctgtgc 1080
 atgcacatac ttcggctgac gggtcgggcc ccaacccgc 1120

<210> 7640
 <211> 273
 <212> DNA
 <213> Aspergillus nidulans

<400> 7640
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 tcgagaggac atgaacatac acgcgacttc gaacctcaga gcctgcattc gaccgccaag 180
 accgtcgcag agtgctgaac accgtcaagg agcaccaagc tcggtagaca ctgtatgatg 240
 tgctcgtgca tctcctcatc gacctgcaag caa 273

<210> 7641
 <211> 1232
 <212> DNA
 <213> Aspergillus nidulans

<400> 7641
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 ttaagggaaa catcgagcct gtccacagct ttatcaccct tcggaatctc tattaacagg 120
 tataacgcca aatctggcaa taatcatgtc atgtgaaggc aaggcctcac ctacattcgc 180
 ccaacagggg gctttccaac agatgagtgg ctatctcgcc ctttccctta ggctctgccg 240
 gacgatctgc taagtcccaa gggacggaaa ttggaatcac cgctccagga ttggtcaaga 300
 aatgtgcagc caggacacat agtcgaaatt aaggcgcccc cggcctaacc cgtgttagct 360
 gttgcctgtc gttcttgtcg gggcttgctt tgatgtctat caaggataga cttaccacca 420
 gcaatttctc agcaagttcg taagctccat tcgcaagctg aaagaatgca cgggcaacga 480
 gggagaatgt gatgacaagg aggaatagcg cggagaagag acagacgttt gtccgtatcg 540
 agcagatcag atatatgaac gttaggaggc caaaaagac gtagtagaaa gctgccaacg 600

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 tgttgcccgcg tattccccctg tctgctgtcc ctcaaaagaa ttaccggtag gcgagtagtt 720
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<210> 7642
 <211> 395
 <212> DNA
 <213> Aspergillus nidulans

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 ggtttcaccg cctctctca ataggaaca cgaggcattg cgccagagct cgagctaacc 180
 ggcgactgta gtagctgcat gcaactgcaag catgagtgtc caggatcacc ccagatcagg 240
 tgactgacgc cgtatgaggg cagcaccgat ggatggctgc actcgagaca aggcggccga 300
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 gggcaactga cagcgccgcg acgggtaaaa ccggt 395

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 <212> DNA
 <213> Aspergillus nidulans

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 actctatacg atatctcacc ctcttttagcc aaagcactca gagtctgatg gaaatcttta 180
 aacatcggcg aggctacatc ggcatataga ataaccgggg gtaaggaatt ggggcctaag 240
 atgcgatcga aaggtaatgc ccgtccgtct ctgcataatc accagtcagc aaccggacca 300
 ccgggaacca acaaaggaca cctacagatc cccttcaaca tcctgttgcg cccgctccat 360
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 cgccgccatc agagagtgtc gcaccgaggt attatagaac tgatagtggg ctgcaattcg 480
 agggctggcg gatcggatcg acaatgatag cttaaagcag gagacacttt cggggctgct 540
 aaggtgtcca tcttcaacca ccacttgcag gaaacggtcg aatagctctt tatccgtcag 600
 gtaatcatca aaagctcctt cggctatgcg atcaagtagt gggaaagtatg acgttgcggt 660
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 caagacagcc agaactcaca gca 743

<210> 7644
 <211> 188
 <212> DNA
 <213> Aspergillus nidulans

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 actctctgca ttttcgagca ctctgtcaa tagcatccat ggtaccgatg cgcaatcgat 120
 tgacagcaga gcagcaaggc acctgcgata cgtagtcgat gtcgtcaaatt ctccagccat 180
 acgatcaa 188

<210> 7645
 <211> 906
 <212> DNA
 <213> Aspergillus nidulans

<400> 7645
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 gctggatgca gggtaggggg caaggtggac agattcaggt tgatgatatg acgaatatgg 180

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 cctgtagcca acgataggat gatttggatg ttcagtaagg aggccatcaa tttagttcat 420
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 acattgtctc gctcattgac ctctcccgga acagtttcaa ctgccctata caaccaagaa 780
 tagagcaatc agagttcaag acagagtgtc tccctgaacg catataacca gtccttcaat 840
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<210> 7646
 <211> 1126
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7646

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 ctagacaggc gcaggtctaa ctgcgcatcg cgattctccg tccaccctcc tatcccctgg 180
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 tgccagtccc ccagggcagc aatcggcacg ccttctcccc gcaggagccc gctagccagc 480
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ccgtatagtt tccgcgcgcg gcgagcgact ctggccagcg tgttgatggg ataccctgac 660
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 <211> 959
 <212> DNA
 <213> *Aspergillus nidulans*

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 gcactcgtga atttatccgt cacaacatca cacagatcca tcagggtgtc aaggcctttt 180
 tctagggtt caactgcggt tgttgagtct gtctctgagt tagtctttgc catcactccg 240
 acacggtaat ttcaggggaa caaacgtaa gtctgaattc gaatgttcat ctttgactcc 300
 gaagcatgcg gaatcgtgta tccacagaat tcgacctcgg ggctgttgta aacaccatt 360
 agcacaatgc tttcccatc tgcgacctt ccagcgtcct gagaagctcc ttaaagaagt 420
 tcaaagtaga tagaagcact ggcgcagtg gagcaggaac atacttcttc ataatcgca 480
 aacgcagcgc attccctaatt gtatgtcctt caccctcaaa ctgaaacgac gctgctgtgt 540
 ccgtggctcc gggtaactaa tttatccgca ttagaatagt cttgatacgg caccgtcgtt 600
 cattccacag ctgatagggc agaacagtca taaagaaaat atctggagta catacaacga 660
 tgatccgctt ttgctcaagc aatgtctcgt ctatgtggtc ttggttctgc gcttgagcat 720
 ccagcattga ctggctcgtt tcttgagagt gtacggaggc aggcattctt aattatctat 780
 tcgctgcgct ttactccgac ttagggctgt ggtcttgccg gggtttgtat agagaagatc 840

ggcgggtggg tgaggagtcg gaacggggat acgttttcgt gatgcagcgt caaaattggt 900
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<210> 7648
 <211> 205
 <212> DNA
 <213> Aspergillus nidulans

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 gtatcaacga tcacgttcag tgaccacacg aagaaaacat taaaccgtac ccgctataca 180
 taaatcccgga atctcctgga gaacc 205

<210> 7649
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

<400> 7649
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 aaccagggcc caacaccatt tttcggaag aagttcctcc ctgagctgca gcctcagggc 120
 ttccgtccgc gcacggcaca gaacttcgca cccacgaccc cagcatcatc aaggctcgaa 180
 gcatatacta ctcttacagc gttggcccga gcatcacaat ccaccaggct tttagcctcg 240
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 accgaaaagc cccctgggcc gcgaacacaa tctacatcaa cggccggtac tactgctact 360
 actccgttag caattcgggg tgctgtgaca gcgcgattgg cgttgcatca agtgcgtttc 420
 ccggccccggg agagtggaca gatcatgggc tcattatcca gtcgggcact ggtgagggaa 480
 gtgatgtgtt tccgctgaac cagtcgaata cgattgaccc gaatgtattt gtggatggtg 540
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 tcagtatca 609

<210> 7650
 <211> 670

<212> DNA
 <213> Aspergillus nidulans

<400> 7650

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atgcagaggg tggtctctctg gcgattacta ctctggggtt actcagcaaa agaacagacg  180
cgatcaggaa gtacatcatc gtaaccggca gctctcgtgt tgccggggat atcatagcca  240
ctctccacg ccccttgaaa ctcgatatag cgctggggcg gtccacaatg cataaatatg  300
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cccggcgctg tcatccattt cccagggcac ccggtgaata ggcttgtgcc agataacgat  420
attttagaag ggcatcacgg agtcggagga attgtggtca tatattgatg gcagggacta  480
cggcgccatg tgttggcggg cgtgagggtca tagactgtgg tttcaggtgt ttaatgcaga  540
atgacgagct cacgaacaac aagagcgctg aagagcttgc cagagctgt cctcattcct  600
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<210> 7651
 <211> 803
 <212> DNA
 <213> Aspergillus nidulans

<400> 7651

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catctacgca gcaagaatga cgggcttgag aaaacagtat tgctaagtag aatataggat  180
cgctggagat aagtttagag gatagaattc atgaaaagag gtatagacag actcaacaaa  240
gtgagtctag actggcccct ataaagccta gcatttccca gcttgactga ggcataggct  300
ggaatcacga ttggtcgact ggatccacta ggatgcaggg aaatatcctt atgtggaata  360
gccttttagaa ctccaccatt cacgcttcga atttcatggt atgagaccg ctcagttacg  420
agatttcagc cgcagatagg agcccaaaca tttaacacca tccaactgag cagcgacagc  480
gcttccagtc caccgcgac ctcgacctgt tgttttgctt cgactccagc tacaccccaa  540

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ccctacacta atggcttcaa ggctagctat tccgccatgg ctcaccccaac tcaccagctg 600
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ccggtatgtg gccgcggcaa tgaccgctat ttgcgcttac atattccaaa cgagcatcca 720
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gctcaacgcg atcgacttgc tgg 803

<210> 7652
<211> 761
<212> DNA
<213> Aspergillus nidulans

<400> 7652

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ctgcaatcct gggcgccgac ttgagcggat agcaagaata aggatataac tagcaaaagc 180
aaagaaggta aaggtagcag aggtactata cctcgccagt acgcgacccc catttctctg 240
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ggcttgctct acctacttaa acggatcaca cgtaggcaag gcaatgatct ggtcggctat 360
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aactcagact aaagcgatgc tactgcaagg atttcatagc ttcacaactg actagtccaa 480
aatgccccct gagcttgggc ataccatgca caggggttta ttcggaataa ccagacacgg 540
gcagtatgac ccagacgcta ttggagattc ggaagcgac cgttcttagg ggtggtgtgg 600
tagagcttgg atctcacagg aacaggacaa gggttccata tttgagtgtc tttgtgctat 660
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<210> 7653
<211> 499
<212> DNA
<213> Aspergillus nidulans

<400> 7653

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gcgagcgtat agctaataca tccaagttga gcctttaacc tgaatggccc agcagccaat 180
gaatcccca tcaagccac catagcccta aggacaatct aatgcgggct agtcagttcc 240
tgcagcgtct tagacattcg acgagcatgc gctccatggg gactgctgtg cccagaagc 300
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cggccactca gatgtatcag tagcacaatc tctttatatt gggataggct ccgtttggct 420
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<210> 7654
<211> 913
<212> DNA
<213> *Aspergillus nidulans*

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gttcacgggc tttgctcctg cctaaggggg agagtcgac gatgctgtga gacaaagaga 180
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cttcacgcg aacttgcccc agggccccag aagctaccgg ccgcttggtc ttcgtcatac 420
aagatcattt atttaaagg tgaacggcg acgctcaaac cacgcccga ctcaatcggc 480
gactagctta gtagctggc ctggtcctgg cgaacaacgg agccgccaca taacatctct 540
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913

<210> 7655

<211> 1188

<212> DNA

<213> *Aspergillus nidulans*

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aactgataca aaacacgccg gggaactcgt tctgcaaccg caaccctcct ccgacccttg 240

cgaccgcgtc aattggccaa cctggcgga aacggtcgtg ctagcatgca tgctccgtct 300

ttgcctttgt cggaaacttc acatttagta ggtattgcc a gctgtttcc tctgtatgcg 360

acaccgcttg cattcaaccg gcccggtgtcc attgggaggc tgagcacctt ggttgcggtt 420

aagcgtacca atttcggaga ctacccatgc atcaagggtg cttgctggtg ctgacaggta 480

caggtaaattg ttctcatgat gggcgcgctc aatatatggt gggtgccgct agcgaatacc 540

tttgggcgga gacccatcag cctgctcagc atattgatcc tgctcttttg ctctctgtgg 600

gcgggtcttg cagacacttt tgacagtttg cttgcggcga gattctttat gggggttggt 660

gttgggcccgg cagatacgag tatgcatttt ctatttgcac ttcattctag taacggtgaa 720

ggttggtgctg atggtggtag ttgcgccgaa tgtgattgga gagatatact ttacgcatca 780

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cgcacagggtg gaagagggtg tttaccccc tgcgcaacaa tatcaggaat tcctttcgtc 1140

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<210> 7656

<211> 709

<212> DNA
 <213> Aspergillus nidulans

<400> 7656

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 gcttgaagga aggggtataa aaatagtcca atctttatac gcatgaagcg agccagtgc 180
 agggtaagcc taaggtcaag tagattgggg agctagcgat aaacttgggg aagccatttt 240
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 aaaaaaaaaa gaaaaagaaa aaaggttaaa aggagagact aagagctacg aggaaactag 360
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 tccgacgaca atttcaaccg acccatcatt cgcgctgggt tgaaagctgc atatgcctgc 480
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 ccaacttga aaggcattgg ccaagggctg gcggacatca ggaatccccg cggcgagggt 660
 gacggcctcc ttaagccgtg atggatcgcg gttggcaata gtttcttgg 709

<210> 7657
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 7657

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 cccagatgg tgtgcgacga tttatcgacg gccgtctgcg ggtagaggac gatgatgtcg 480
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557

<210> 7658

<211> 718

<212> DNA

<213> *Aspergillus nidulans*

<400> 7658

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agcgtcatat gccttaggat tcatctagtc ctctcttccg aactagactt caggacccga 180

cgtcagaatc ttcgaagaaa gaagagtcgc ctggagatca taatgtcacc agcagcagcc 240

cgtcaaactt cagatgtgtg ggaagtggcg ccaaacaagg cccggttcca tgatcgctca 300

acggtgagca gataattgtc cgcacagata aggcaagagc aacagcgctt cgacagatat 360

ggcgaaagcc tagaatgtga tcataccccg taattgtcct gcgatgatca gcctacctta 420

agaggagatg atgcaacggc ggaatccact gttagcttta caaagctcga cgctcgagaa 480

catctagaag ccaatttcct cgggccaaag tctctagact aacgagctcc gagtgtccga 540

gtgtccgaac gaaccatgac gacgctacaa atcagacctg aaatggtgat ggaggagaca 600

ccaacagttc ccgggcaaca aatgctcttg agtctacgcg aatctcagac gcacagtga 660

tccctgctcc tggaacaact caaatgggtc tgcttccgaa tgccttatct ccatttgt 718

<210> 7659

<211> 544

<212> DNA

<213> *Aspergillus nidulans*

<400> 7659

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<210> 7660
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 <213> Aspergillus nidulans
 <400> 7660

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<210> 7661
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<400> 7661

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<210> 7662
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<212> DNA
 <213> *Aspergillus nidulans*
 <400> 7662

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<210> 7663
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<212> DNA
 <213> Aspergillus nidulans

<400> 7663

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<400> 7664

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<210> 7666
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<212> DNA
<213> Aspergillus nidulans

<400> 7666

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<210> 7667
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 7667

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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 7672

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<212> DNA

<213> *Aspergillus nidulans*

<400> 7673

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<213> Aspergillus nidulans

<400> 7674

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atggtgacgg gcagaatgga gatgcaaaac cggattattt ctctcttgag aggccggcgg 660
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<210> 7675
<211> 410
<212> DNA
<213> Aspergillus nidulans

<400> 7675

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<210> 7676
 <211> 973
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7676

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<210> 7677
 <211> 844
 <212> DNA
 <213> Aspergillus nidulans

<400> 7677

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<210> 7678

<211> 109

<212> DNA

<213> Aspergillus nidulans

<400> 7678

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<210> 7679

<211> 1123

<212> DNA

<213> Aspergillus nidulans

<400> 7679

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 gcgatcttgg gaaagatgcc ttggtatgtc ggtccagcga gtacctggtg ttggttgccg 240
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<210> 7680
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

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 tacttgagat ggatatgcac gcaggatgtc aagttcaagt aggagacttc 110

<210> 7681
 <211> 784
 <212> DNA
 <213> Aspergillus nidulans

<400> 7681

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aacatctgcc tccatagagt atcttcattc cagatacaag actcaggagg gactcggagg 180
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<210> 7682

<211> 487

<212> DNA

<213> Aspergillus nidulans

<400> 7682

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ggaaaaattc cagatttgga cgcgctggct ggaatgtgaa aaagattgtg tgtgcgggtg 240
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ctggggg

487

<210> 7683
<211> 1377
<212> DNA
<213> Aspergillus nidulans

<400> 7683

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<210> 7684

<211> 1497

<212> DNA

<213> *Aspergillus nidulans*

<400> 7684

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<210> 7685
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7685

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<210> 7686
 <211> 1222
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7686

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<210> 7687
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7687

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<210> 7688
<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 7688

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<210> 7689
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<212> DNA
<213> Aspergillus nidulans

<400> 7689

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 aagaacaatg tattccgtgc agtctgtctg cttgacggcg ttctcggccg agacagcaac 360
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<210> 7690
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7690

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<210> 7691
 <211> 998
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7691

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<210> 7692
 <211> 1989
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7693
<211> 483
<212> DNA
<213> *Aspergillus nidulans*

<400> 7693

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ccctgactga cacatctcgt gccccggcgg cggcagacaa tgcacgtact atcatttgct 180
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gag 483

<210> 7694
<211> 920
<212> DNA
<213> *Aspergillus nidulans*

<400> 7694
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<210> 7695
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 7695

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 ttccccatt acacatcttt tctctcatat actggattac tctgtagaaa tcagctgcca 360
 ttaatcgtag aattagacgt caaatattcc atatatgcac aacagcagac ctgagcgtct 420
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 gatcagcata tgtaaattgt tcaaactaac ag 512

<210> 7696
 <211> 1350
 <212> DNA
 <213> Aspergillus nidulans

<400> 7696

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<210> 7697
 <211> 99
 <212> DNA
 <213> Aspergillus nidulans

<400> 7697
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<210> 7698
 <211> 519
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7699
<211> 158
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7699

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<210> 7700
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<212> DNA
<213> Aspergillus nidulans

<400> 7700

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<210> 7701
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<212> DNA
<213> Aspergillus nidulans

<400> 7701

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<210> 7702
 <211> 1471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7702

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 ggcggtgatt attttctcgt atacctctac caagactacg tgctccgtct tttctatatc 240
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<212> DNA
<213> Aspergillus nidulans
<400> 7703

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<210> 7704
<211> 516
<212> DNA
<213> *Aspergillus nidulans*

<400> 7704
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<211> 925
<212> DNA
<213> *Aspergillus nidulans*

<400> 7705
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<210> 7706
<211> 1871
<212> DNA
<213> Aspergillus nidulans
<400> 7706

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<210> 7707
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7707

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<210> 7708
 <211> 874
 <212> DNA
 <213> Aspergillus nidulans

<400> 7708

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<210> 7709
 <211> 928
 <212> DNA
 <213> Aspergillus nidulans

<400> 7709

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<210> 7710
 <211> 498
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7711
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7711

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 <211> 1242
 <212> DNA
 <213> Aspergillus nidulans
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<210> 7713
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7714
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7715
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7715
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<210> 7716
 <211> 1228
 <212> DNA
 <213> Aspergillus nidulans

<400> 7716

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 <212> DNA
 <213> *Aspergillus nidulans*

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 ccg 183

<210> 7718
 <211> 110
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7718
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<210> 7719
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7719

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<210> 7720

<211> 220

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7720

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<210> 7721

<211> 834

<212> DNA

<213> *Aspergillus nidulans*

<400> 7721

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 tatccggacc cacatatcct agtttctaga aatgtgtatc cttttgcgat agttgtgttc 780
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<210> 7722
 <211> 217
 <212> DNA
 <213> Aspergillus nidulans

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 tattttattag atttttattt tgatctactt agcttactaa agttaatacc tataattata 180
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<210> 7723
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7723
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<210> 7724
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 7724

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<210> 7725
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 7725

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<210> 7726
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 7727
 <211> 1428
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7727

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<210> 7728
<211> 567
<212> DNA
<213> Aspergillus nidulans

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cagcaacctt ctacaacgct gaggggggtgc cccagcagcc catgccggcc ctttacgtgc 180
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<210> 7729
<211> 1262
<212> DNA
<213> Aspergillus nidulans

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 <211> 1135
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7730

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 aaggagaagg ccaagagccg tggttaacaat gcctgattgt ggataaccac agatggacta 1080
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7731

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<210> 7732
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 7732

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<210> 7733
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 <213> *Aspergillus nidulans*

<400> 7733

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<210> 7734
<211> 540
<212> DNA
<213> Aspergillus nidulans

<400> 7734

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<210> 7735
<211> 565
<212> DNA
<213> Aspergillus nidulans

<400> 7735

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<210> 7736
<211> 814
<212> DNA
<213> Aspergillus nidulans

<400> 7736

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<210> 7737
<211> 1253
<212> DNA
<213> Aspergillus nidulans

<400> 7737

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<210> 7738

<211> 471

<212> DNA

<213> Aspergillus nidulans

<400> 7738

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<211> 541

<212> DNA

<213> Aspergillus nidulans

<400> 7741

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 <213> Aspergillus nidulans

<400> 7742

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7743

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<212> DNA
<213> *Aspergillus nidulans*
<400> 7744

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7745

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<210> 7750

<211> 1661

<212> DNA

<213> *Aspergillus nidulans*

<400> 7750

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<210> 7751
 <211> 643
 <212> DNA
 <213> Aspergillus nidulans

<400> 7751

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 aacttttggg actaagttta gatacatata actcaacact caagtctaga attcttcgcc 240
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 gaaatcaggg tctatgagag gcacacacta agctaacttc atctgtcttg gagacctgag 540
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<210> 7752
 <211> 1446
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7752

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<210> 7753
 <211> 921
 <212> DNA
 <213> Aspergillus nidulans

<400> 7753

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<210> 7754

<211> 131

<212> DNA

<213> Aspergillus nidulans

<400> 7754

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<210> 7755

<211> 676

<212> DNA

<213> Aspergillus nidulans

<400> 7755

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<210> 7756

<211> 679

<212> DNA

<213> *Aspergillus nidulans*

<400> 7756

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<210> 7757
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 7757

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<210> 7758
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 7758

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<210> 7759
 <211> 1138
 <212> DNA
 <213> Aspergillus nidulans

<400> 7759

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aacccaagtc acatcacaga catcagaaca tggttctcga acgtcgaaca acatgctagc 1080
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<210> 7760
<211> 813
<212> DNA
<213> Aspergillus nidulans

<400> 7760

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<211> 1190
<212> DNA
<213> Aspergillus nidulans

<400> 7761

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<210> 7762

<211> 884

<212> DNA

<213> Aspergillus nidulans

<400> 7762

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<210> 7763
<211> 1266
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<210> 7764
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7765
 <211> 469
 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

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<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 667
<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 7774

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans
<400> 7776

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7779

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<211> 625

<212> DNA

<213> *Aspergillus nidulans*

<400> 7780

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<211> 512

<212> DNA

<213> Aspergillus nidulans

<400> 7781

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<210> 7782

<211> 510

<212> DNA

<213> Aspergillus nidulans

<400> 7782

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<210> 7783

<211> 542

<212> DNA

<213> Aspergillus nidulans

<400> 7783

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<210> 7784

<211> 1074

<212> DNA

<213> *Aspergillus nidulans*

<400> 7784

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<210> 7785
 <211> 383
 <212> DNA
 <213> Aspergillus nidulans

<400> 7785

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7786

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<213> Aspergillus nidulans
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<210> 7788
<211> 566
<212> DNA
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<400> 7788

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7789

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<210> 7790
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7790

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<210> 7791
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7791

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7792

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<210> 7793
<211> 528
<212> DNA
<213> Aspergillus nidulans

<400> 7793

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<210> 7794
<211> 591
<212> DNA
<213> Aspergillus nidulans

<400> 7794

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<212> DNA
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<400> 7795

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<210> 7796
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 7796

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<210> 7797
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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
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<210> 7800
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 <212> DNA
 <213> Aspergillus nidulans

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<400> 7801

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<400> 7802

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<400> 7803

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<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 7806

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7808

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<400> 7809

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 <213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<211> 164
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7815

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tttagcagag ntnatcaagc cggatatttat gttacctact cttt 164

<210> 7816
<211> 598
<212> DNA
<213> *Aspergillus nidulans*

<400> 7816

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tgaagacaga ctattccacg tctatcaaca aagatgatga tcggaggagg ctcattggagg 180
tgtcgacaga gtcctatgaa taagctcttc agcaggaccg aagcctcgaa gtataccgaa 240
gaaatcaata tcaccagcgc acaccaagct atccagagag tataccaagt cttctctcat 300
caaccggccc cggaacctca gctacaagcc ctcttacctt ggggccccct gactacgacg 360
gttatcttgc ttgcctata tctctatcgc ttctcgatgt gcctgacatg gattacttcc 420
ctggagctga tatgagcgcg aatgtcatgg atggttttcc tgatcctccg tcattcttcc 480
catctggaga accgatacca acgctccaag agaatatctt gaagaccagt ttgcgggatt 540
ctcccgttcc ggcaaattcg ctttagttcc ttctacacca gatgtaacag tgttggga 598

<210> 7817
<211> 924
<212> DNA
<213> *Aspergillus nidulans*

<400> 7817

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ttgtagtgtt ttgtcaacc tctttccata attagtggta aattgtagtc tttctgtaac 180
atgttgctgt ccatgcacgt ttctgctgga aattaggtct ttgaacttgc catactaacc 240
ttgtcgacgt ttacgccgat gtcgttaaaa gctgtcattt gaggaagtct tgtccgtcta 300

cactgcatac gtcgcttcca aatctggggc tcttcgcgca actgcatcga ccgcaaggaa 360
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 tacgtttcat ccatagtcgt aagaataatc tttgaaatag gcattcaaag tgattagagt 480
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<210> 7818
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7818

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 agtcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 7819
 <211> 1018
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7819

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 cgtagttgag ccgcttaatg ccgggacctg cttacgccga ctggtatata tgggtcaatcc 180

tgcagctcag ccgatagtta gggctagatt acatcacttc ctagtgatcc gactgcgtgg 240
 aaccgatcga aagctacaac aaagcccagt caggctcgcg ctgaccaga atggatcatc 300
 gataaatata ggctgactca aatcagggtt cggcggtcat aaggccgtct atcaccaatg 360
 tccatttctg gacgagtgtg tgtagacggc taccgctgga gttcctggag gccttcagga 420
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 atgttcttat caggattcct ctcaaactcg agtaaaaaaa accccgacct attgccctac 600
 cagcgaaaga caaagccgta acctcgtgga agtcacccgt ctgggtgcgg aaattcagaa 660
 gttgcgtcga cataccacac atctattgcc ctagtgtgag acttctgaga tggacacaag 720
 agaatataga gctttgattg agttacctaa caatccaacc ggggaactcga ctaggcaact 780
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 cctcggcctt cttgtgctct tcgtcttcac ctttcagta tatcttaaga aaatgggtcaa 960
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<210> 7820
 <211> 899
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7820
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 cactgtcgt cgcatcagtt gtaaattatt ggtaccaac acagtacacg tacatcggcc 180
 caattgcagt gatctcactg tgccctcttg caccggctat accatacatg ccaagtgcc 240
 acacgaatgc ttccacactc ttggagggga ttgaacgaga cacgtgcggc tagtccacat 300
 tcttggaata tcttctcgtt tggcattgga accattccct tgccgtatat gagttttccg 360
 atgactggca ggcggaaaaa tcggattccc caaagaaaaa ccgaaaacct tggggtaa 420
 catttttagc tcatggcccc aaagaattgc tccaaccaa aaacagagcc ctggattccg 480
 ggatatacct atgttttgcc cgctgtata gcattactat gggccccctc acgccagagg 540

tgcgaaaccc tcattactct atgaaccccc ccgtttcccc ctgagtttct taaggccatt 600
 cttggagaca ctctcccttg ccggattctt ccgaatttta cagcagaaac cagcgcgatt 660
 aaaattgccc ccgacgactc ccacaggtag atttcaaacc ccttggtttt tttcactccc 720
 taaaacgccg gggcctttct tatttttatg gattccgcag gacaattagg ccctaaaagg 780
 ttgggcaatt tttatggttt acggcaccct tatggaaccc tctcttacia aattatagt 840
 ccctggtatt tctttaggag ttttttccaa accggaccgc tttttcggtt ttcctcca 899

<210> 7821
 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7821
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 taccgtccgc cgatataggt gactgcaaca ctgctttctc gaaactgtct ccattccatc 180
 cactctcaat actctcgcta tttaatctgt cattctgccc gcaactgctc acgtaggcct 240
 gcggtgtccc ctacagatac attcaagaaa ctgtacttag gtatattatt cccgtgggtt 300
 atttaccgt cattctatcg gcaagctttt gctcgcttca ggataccctt ggtatagtcc 360
 aattcatgga acattaagtg ccttaccacg cggttctgtc catttaatta ttctggctcg 420
 tctggatttg cttatatttc cccaactgat ctgaaaggag cggagtaagt a 471

<210> 7822
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7822
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 tcaaaaaaga caagttgccg taaaaaagaa atctacctag tatgctacct agtctatcta 120
 acgcaaccca gatatacaaa tcatcatcat aaagctggct attacgtgtc tctcactccg 180
 agcctgaacc tagcgagtat caggccaagc ccagaaccaa ggcctatagt ccagttccac 240
 ctcttccata tatcatatgt aaattttcca gcatgagtta catataatag atgattccag 300

tccagctgcc tgttgctgct gctaccgctc ctccttgaat ccagaccaga ccgcaatgcc 360
 attaataaat agatgggaaa tactcgcggg atcgcaagaa agaggaaaca gaaaaaaaaa 420
 agaaaagaaa agacaaaaaa gaaaagaaac taagcaatag ataaaacaga tgatatttta 480
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<210> 7823
 <211> 1048
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7823

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 ttctggaact tgatcatatc gctctttgag acgtcccacg cgtggtagcc tccaccgtaa 180
 ttgccaactg tttgtttctta gcaatctctc tcgagaaggg agagtctggg agcaaatacg 240
 tataatcata ttgcgcgaga aaccaacgaa gagcatctat cgcagacatt gaatcagcac 300
 attccacgga aactacgac cggagcgtat taccatcca aaaatcgtgg tatcttccaa 360
 caatgacagt cagctttact ataacagaaa ctagaatatt ggcaatgttg aactcacagt 420
 cctcaaactc caaggccttc cgcagccgta ccttgacgag gaagcgcaga gccacaatga 480
 ctgacgtgac gacaaggcaa atgacctgcg tcgcaagggt gaccgtatga atgacatcct 540
 ctggattctg gaggtcagac acctcaccag gaggagccgg gatagctggt tctgacatct 600
 ccttgtggtg aactcagctt ccagaacctg gacattcaga caaagcccgt aagcctgacg 660
 gcaagaaggg agcgatcgat cagggaatga ggcgctggcc cagcgggtat gaatctacgt 720
 gcctagacag gacaaagcga gaatggtaaa acccagccaa gttagaaagg atgaaggaac 780
 cgatggaaag gaagcgaagc caaaaaagca ctgcctcgtc cgctccctac ataatcctga 840
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 atgaatcgat cgacatccgc tgctgagccc agggagcgat gctgcgatag ccggggaatc 960
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 taagtggctc atttcgagga gcatgcga 1048

<210> 7824

<211> 607
 <212> DNA
 <213> Aspergillus nidulans

<400> 7824

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 cgctgtagga gctatgtgct ccttcttagt gaaagctcca gggctagcag ttattcgatg 120
 gaagaagtgc aaaacgaagg gaaagaccgc agaatttgta cggtcgttca gagctgtaac 180
 aaaacacggt gagggtttgg aatggggacg cgggttgtag aacaagggcg gcggtgaaag 240
 gaatggagcg gctgaagatc ctgcagcctt aagaatgaaa caggacggcg ttgatgaagt 300
 tcgaagactg gtgaatgctc ggagggacag atcgatctcg atggtggctg attcggactc 360
 tcggaggctg gctgcggctg gccagttctc ttgctgcgtc tgcgtgcggt ggggtttgct 420
 ggcgctgggt ctggacgcgt aagtggccca agcgaacgag agcggcaagt atatggagta 480
 gcagctcaac aagattggta ctctactctg tagtatctgc cctgtatgag gtggagaaga 540
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<210> 7825
 <211> 881
 <212> DNA
 <213> Aspergillus nidulans

<400> 7825

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 cgctcgaaac ataaagagag aaactcgcca tgccaaacgc gtacggtgcg tcaccatccg 180
 tgcaggctcg gcagttgacg ctttacaaca tgggaaccta gattgaccag tgccataact 240
 aataggtgca caccggctcg gaggggggtt tagtatttgg ggggtgtcac acttagtccg 300
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 gcaatacggc ggtcctaata gctgggaccc tttaaagggg cggggagggg gcggattatc 480
 aaaaggtacc gccccgtcca gggatgtaaa aaatggggct acacctgtgg ggggaaaccc 540

tcctgagtat aagaaacaga cgttttcccg aagggaaatg tgcctttttt ttaaacagcc 600
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 ggggtggggcg ttccaatggt gggggaaaac acctttttta ccgggctttt tttttttttt 720
 gtccccgcga ctaaataaat ttgcccttaa aaaaaaaagg ggggggcacc attgaggcat 780
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 ttccaacaa taaaaaata tttttggggg taaccgtct a 881

<210> 7826
 <211> 599
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7826

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 cccagcctcg gtgtttgcat cgtcgatttg ctttcttacc agctggatga tttgatccac 240
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 cgaaatactt ggggtctggg tcatctaagg tcatgttcag gggcagttca tggacgtcct 420
 gtcatcaga tactccaaag tctctcttca gggctctgaa cctcctcatg aattcacttc 480
 cggggccctt gcgcttcatt ggtagtttgt caaaagcttc gccaaacctc tctgacatga 540
 gcttatagaa gttacgatct attgctgtcg aacacatttg cctcctgtgc atagttagc 599

<210> 7827
 <211> 1622
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7827

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 aggacttttc aagattgggt cttccagcgg acttgaggtt cacccttgag catcaacaag 180

gcacgcaagt ttggctggac tggccacctg gactcatttg attcctttgt ggacgctttc 240
aaaagattca aggaacttgg acagattccc tgaagtactc agaggagtaa gcttgtaact 300
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cgggtgtgtcc tttatcacag tttctaggcc ttagaacaca cttcccggta agctcgagtc 480
aataattacc caactatcag tcggactcaa ccgtttctct aattggacgt tcgattgaat 540
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aagttaactt ccagtggata ggggtggcaat tcagactcag gtgatcacgg cctctaataa 720
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<210> 7828
<211> 1043
<212> DNA

<213> Aspergillus nidulans

<400> 7828

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gatctttcca tcgcgtgtgc gttatacttt gcagcgcgcg gccaaaggcac agcaattgac 180
agccagcgcc ccgatgccag acctttccag tacaaaacac ctgcccgcgt cctcctttct 240
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ggttcccga cagcaaagat ggaaaaaggc aaaactaaag gaacagatgc cttggactga 660
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ccaccgatgg agagtgaac cgctgccgc aaggcagaaa gctggttact ttcgtcgaaa 900
caggggaagg ggttcgaaat ggtgagaatc gcgtcggagc ggagatattg ggactcggag 960
atataaggag atttacggtt ctatgaggtg catcgaaaaa ggcaagtctg agctgttctt 1020
gacattgcaa acttcaacat aga 1043

<210> 7829

<211> 1238

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7829

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cccgaagccc tctggtttcg tgaccgccag ccgcccttac cctacgcact ggcgcgcgcg 180

taacctttga acgctagggc tcagccaaca ggagtagtct ggattacgta ttcaggggaat 240
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 ctttcgccat atattctttg aagttacctt ctcttcttct cgtagaatct cagattctgc 360
 gctttgacct atgcttttct ctatttctct gtacgtatgt taagctgaaa agcaaccatt 420
 cacgcatgac gaccgccaac ttacacctgt catttgaaac acatacaagc agtaaacata 480
 aagtccgtag cacacattcc agtactgtat cgtttactat ttcgagtgat atatctaaga 540
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 gtaactcagc ataagcgatt gtgtcctaca tcaggggtat cacggcatat cataaacaac 660
 aactaaccta tatatatgca ctacagtcaa gcagaaatac ccaactctaga caacacctcc 720
 aataccttcc cgcacaattc tttctttcat tctctccac tcgagccacg tcatgccctg 780
 cacgaggcag tcggccatat cgtcaagttt ggcaatgtca ataccagtct caactggact 840
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 gtcagagcca gctgcagctg cngaacggac gccgcagcca taaggagaag atgtaggagg 1140
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<210> 7830
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7830
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 actcaagtgt catccgggga atcaagtggg tggacgtggg ggaattagtg tagtagtaac 180
 tctacaaaa cggaattacg aactgacaat tttcgagtag cttggggcct tgagtaagtc 240
 aggctctgat ggccgtgccg ttcactcccg tttctccact gcatcggggg ttcaactggt 300

gttttgccac tcaactctccg cctcatcacc acgaccgact acctgccgta ctctcatatg 360
cgaactgcgc gcacctgcat tctcgacagt caagggacaa taacggggcgc cggctggctt 420
cgaaatgcgc gtgcttacga aatgatagat tgtccctgtg ttgacaccga gttcctctac 480
aatttcgacc tgctggagcg gccccgcagc ctatatttct tcaccttcag ccgttggtcg 540
atgtacatat tcgatcccaa ctcagcctcg cgcgtcaagc tcataggctg attgcatgca 600
taagagctgc ttccgtgggt ctacctgtga acgctgagag 640

<210> 7831
<211> 277
<212> DNA
<213> Aspergillus nidulans

<400> 7831
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agaagggcgg gggcgggcca tacgcagaat acaacggacc agccggggga agggcacggg 180
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<210> 7832
<211> 764
<212> DNA
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<400> 7833

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<210> 7834
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 <213> Aspergillus nidulans

<400> 7834

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*
 <400> 7837

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7838

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<210> 7839
 <211> 421
 <212> DNA
 <213> Aspergillus nidulans

<400> 7839

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 <211> 944
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7840

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 <212> DNA
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<210> 7844
 <211> 521
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7844

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 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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<213> Aspergillus nidulans

<400> 7846

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<400> 7848

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<400> 7849

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 <400> 7851

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 <213> *Aspergillus nidulans*

<400> 7852

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 <213> *Aspergillus nidulans*

<400> 7853

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 <213> *Aspergillus nidulans*

<400> 7854

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7855

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 <213> Aspergillus nidulans
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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 7859

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<212> DNA
<213> Aspergillus nidulans
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 <213> Aspergillus nidulans

<400> 7861

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<212> DNA
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<400> 7862

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<213> Aspergillus nidulans

<400> 7863

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<211> 482
<212> DNA
<213> Aspergillus nidulans

<400> 7864

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7866
<211> 832
<212> DNA
<213> Aspergillus nidulans

<400> 7866

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7867

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<210> 7869
<211> 280
<212> DNA
<213> Aspergillus nidulans
<400> 7869

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<211> 745
<212> DNA

<213> Aspergillus nidulans

<400> 7870

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<210> 7871

<211> 1140

<212> DNA

<213> Aspergillus nidulans

<400> 7871

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 <213> Aspergillus nidulans

<400> 7873

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<400> 7874

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<223> unsure at all n locations
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<400> 7877

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<210> 7878
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 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7878

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<210> 7879
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 <212> DNA
 <213> Aspergillus nidulans

 <400> 7879

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<210> 7880
 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7881
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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7882

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 <212> DNA
 <213> *Aspergillus nidulans*

[illegible]

<210>	7884
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<212>	DNA
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<210> 7885
<211> 843
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7885

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<210> 7886
<211> 1145
<212> DNA
<213> Aspergillus nidulans

<400> 7886

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<210> 7887
 <211> 1030
 <212> DNA
 <213> Aspergillus nidulans

<400> 7887

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 <211> 160
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7888

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<210> 7889
<211> 897
<212> DNA
<213> Aspergillus nidulans

<400> 7889

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<210> 7890
<211> 485
<212> DNA
<213> Aspergillus nidulans

<400> 7890

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<210> 7891
<211> 136
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7891

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<210> 7892
<211> 333
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 7893

<211> 582
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7893

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<210> 7894
 <211> 1119
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7894

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<210> 7895
<211> 1155
<212> DNA
<213> Aspergillus nidulans

<400> 7895

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<210> 7896
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7896

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<210> 7897
 <211> 1510
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <211> 232
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 agcgaatcgc acagantgtc ccgagcagct tntgtacgct gtgtacacac aacggccaga 180
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<210> 7899
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7899

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<210> 7900
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 644
<212> DNA
<213> *Aspergillus nidulans*
<400> 7901

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<210> 7902
<211> 153
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7902

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<210> 7903
<211> 189
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7903

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gatcccatcc gactctcagt agctgggtgg tgttacattn ngctangggg ttctagggag 180
tgggtttga 189

<210> 7904
<211> 830
<212> DNA
<213> Aspergillus nidulans
<400> 7904

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<210> 7905
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7905

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<210> 7906
 <211> 420
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7906

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 <211> 743
 <212> DNA
 <213> Aspergillus nidulans

<400> 7907
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7908

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<210> 7909

<211> 863

<212> DNA

<213> Aspergillus nidulans

<400> 7909

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<210> 7910

<211> 685

<212> DNA

<213> Aspergillus nidulans

<400> 7910

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<211> 599
<212> DNA
<213> Aspergillus nidulans

<400> 7911

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<210> 7912

<211> 1012
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7912

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<210> 7913
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 1114

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<211> 123
<212> DNA
<213> Aspergillus nidulans

<400> 7916

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<210> 7917

<211> 110

<212> DNA

<213> Aspergillus nidulans

<400> 7917

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<210> 7918

<211> 1380

<212> DNA

<213> Aspergillus nidulans

<400> 7918

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<210> 7919
 <211> 128
 <212> DNA
 <213> Aspergillus nidulans

<400> 7919

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<210> 7920
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7920

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7921

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 <211> 610
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7922

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<210> 7923
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7923

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<210> 7924
 <211> 1103
 <212> DNA
 <213> Aspergillus nidulans

<400> 7924

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<210> 7925
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 <213> *Aspergillus nidulans*
 <400> 7925

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 <211> 1527
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7926

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<210> 7927
 <211> 1027
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7927

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